PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6: WO 99/25107 (11) International Publication Number: **A3** H04M 3/42, H04Q 7/22 20 May 1999 (20.05.99) (43) International Publication Date: PCT/SE98/01988 (81) Designated States: EE, JP, LT, LV, NO, US, European patent (21) International Application Number: (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, 3 November 1998 (03.11.98) LU, MC, NL, PT, SE). (22) International Filing Date: Published (30) Priority Data: With international search report. SE 9704058-8 6 November 1997 (06.11.97) (88) Date of publication of the international search report: 5 August 1999 (05.08.99) (71) Applicant (for all designated States except US): TELIA AB (publ) [SE/SE]; Mårbackagatan 11, S-123 86 Farsta (SE). (72) Inventors; and (75) Inventors/Applicants (for US only): FRANK, Robert [SE/SE]; Torggatan 16F, S-185 32 Vaxholm (SE). WINROTH, Mats, Olof [SE/SE]; Lyckogången 4, S-135 54 Tyresö (SE). (74) Agent: PRAGSTEN, Rolf; Telia Research AB, Vitsandsgatan 9, S-123 86 Farsta (SE).

(54) Title: CALL SETUP IN MOBILE SYSTEMS

(57) Abstract

The invention relates to a method at a mobile tele and data communication system, which makes possible for an A-subscriber to transmit data to an application in the B-subscriber's mobile terminal in connection with the call setup. Examples of transferred data can be information which in the B-subscriber's mobile terminal executes a specific ringing melody, a personal logotype etc. The invention is characterized in that UUS is used as carrier to, at the setup, transfer this data information to the application in the B-subscriber's mobile terminal.

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
AT	Austria	FR	Prance	LU	Luxembourg	SN	Senegal
AU	Australia	GA	Gabon	LV	Latvia	SZ	Swaziland
AZ	Azerbaijan	GB	United Kingdom	MC	Monaco	TD	Chad
BA	Bosnia and Herzegovina	GE	Georgia	MD	Republic of Moldova	TG	Togo
BB	Barbados	GH	Ghana	MG	Madagascar	TJ	Tajikistan
BE	Belgium	GN	Guinea	MK	The former Yugoslav	TM	Turkmenistan
BF	Burkina Faso	GR	Greece		Republic of Macedonia	TR	Turkey
BG	Bulgaria	HU	Hungary	ML	Mali	TT	Trinidad and Tobago
BJ	Benin	IE	Ireland	MN	Mongolia	UA	Ukraine
BR	Brazil	IL	Israel	MR	Mauritania	UG	Uganda
BY	Belarus	IS	Iceland	MW	Malawi	US	United States of Americ
CA	Canada	IT	Italy	MX	Mexico	UZ	Uzbekistan
CF	Central African Republic	JP	Japan	NE	Niger	VN	Viet Nam
CG	Congo	KE	Kenya	NL	Netherlands	YU	Yugoslavia
CH	Switzerland	KG	Kyrgyzstan	NO	Norway	zw	Zimbabwe
CI	Côte d'Ivoire	KP	Democratic People's	NZ	New Zealand		
CM	Cameroon		Republic of Korea	PL	Poland		
CN	China	KR	Republic of Korea	PT	Portugal		
CU	Cuba	KZ	Kazakstan	RO	Romania		
CZ	Czech Republic	LC	Saint Lucia	RU	Russian Federation		
DE	Germany	LI	Liechtenstein	SD	Sudan		
DK	Denmark	LK	Sri Lanka	SE	Sweden		
EE	Estonia	LR	Liberia	SG	Singapore		

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 98/01988

A. CLASSIFICATION OF SUBJECT MATTER							
	HO4M 3/42, HO4O 7/22 o International Patent Classification (IPC) or to both r	national classification and IPC					
	OS SEARCHED						
Minimum d	ocumentation searched (classification system followed by	oy classification symbols)					
IPC6:	H04M, H04Q						
Documenta	tion searched other than minimum documentation to the	ne extent that such documents are included in	n the fields searched				
SE,DK,	FI,NO classes as above						
Electronic d	ata base consulted during the international search (name	e of data base and, where practicable, search	n terms used)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT							
Category*	Citation of document, with indication, where ap	Relevant to claim No.					
A	US 5001709 A (MAKOTO SATOH), 19 (19.03.91), abstract	March 1991	1-12				
		·					
A	WO 9627974 A1 (TELEFONAKTIEBOLA (PUBL)), 12 Sept 1996 (12.0	1-12					
A	EP 0436345 A2 (CANON KABUSHIKI I 10 July 1991 (10.07.91), ab	KAISHA), stract	1-12				
Furthe	r documents are listed in the continuation of Box	x C. X See patent family annex					
* Special categories of cited documents "I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand to be of particular relevance * Special categories of cited documents "I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention							
"E" erlier document but published on or after the international filing date "X" document of particular relevance: the claimed invention cannot be							
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "C" considered novel or cannot be considered to involve an inventive step when the document is taken alone							
"O" documer means	at referring to an oral disclosure, use, exhibition or other at published prior to the international filing date but later than	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art					
uie prior	nty date daimed	"&" document member of the same patent	amil y				
Date of the actual completion of the international search Date of mailing of the international search report							
14 May	1999	1 8 -05- 1999					
	mailing address of the ISA/	Authorized officer					
Swedish Patent Office							

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No. PCT/SE 98/01988 03/05/99

Patent document cited in search report		Publication date		Patent family member(s)		Publication date	
US	5001709	A	19/03/91	JP JP JP	1202968 2845368 1202969	В	15/08/89 13/01/99 15/08/89
dO.	9627974	A1	12/09/96	AU CA EP JP	5109496 2214777 0813787 11501473	A A	23/09/96 12/09/96 29/12/97 02/02/99
ĒΡ	0436345	A2	10/07/91	JP US JP	4132358 5305097 3191648	A	06/05/92 19/04/94 21/08/91